



## EXPEDITIONARY FORCE PROTECTION FROM DEFENCELL

The DEFENCELL T4 is four cells wide and provides a minimum 2.25m of protection when filled. The DT4 is the largest module of the DEFENCELL Force Protection System but is still compact and easily carried, an unfilled unit weighing under 12kg. When filled, a single T4 makes a wall section 4.9 m long, 0.6 m high and 2.50 m wide, and stacked four units high to 2.10m, produces a substantial wall providing protection against rockets and VBIED.

Units can be filled with anything from earth and sand through to small rocks. This makes it particularly suitable for mountainous or dry arid areas. Individual units can be stacked on top of each other to make higher walls, placed alongside each other to provide greater protection levels and stacked with smaller T3 and T2 on top for higher structures.

The T4 is ideal perimeter security walls, vehicle protection barriers, entry control points and vehicle inspection lanes as well as providing ballistic protection critical infrastructure. It can be dropped from height with no likelihood of damage making it ideal for remote locations.

Independently tested, a single width T4 will protect against small arms up to 25mm cannon and a direct hit from medium and large mortars or a near-miss from mortars and rockets. The T4 has been vehicle crash tested to US Dept of State K12 standard and UK PAS68. Its all textile construction means no secondary fragmentation from metal or plastic components.

T4 can be filled by hand but is usually any form of mechanical equipment is used. Unlike sandbags, T4 needs no tamping or specific building technique: simply fill it and compact by treading however care should be taken to prepare the ground when building higher walls. A filling frame is provided to ensure accurate, quick building.



### System Characteristics

- Lightweight and compact
- Fast and easy to fill
- Minimum 2-year field life
- Fill with sand, gravel and small rocks
- Fill manually or with plant
- Fully tested against small arms and cannon up to 25mm
- Protect against mortars, rockets and other fragmentation weapons
- All textile - no secondary fragmentation
- Environmentally friendly
- Easy disposal

### Uses

- Build perimeter walls
- Bunkers & Guard Posts
- Fuel & Water store protection
- Protect critical equipment
- Road barrier/Chicanes
- Vehicle inspection lanes & ECP

## Specifications

NATO Stock Number: 5680-99-241-6845

Model	Height	Width (Footprint)	Width (Protective)	Length	Weight
T4	20" (plus 4" skirt)	98"	87"	194"	28.6 lbs
	0.50m (plus 0.10m skirt)	2.50 m	2.25 m	4.90 m	13 kgs

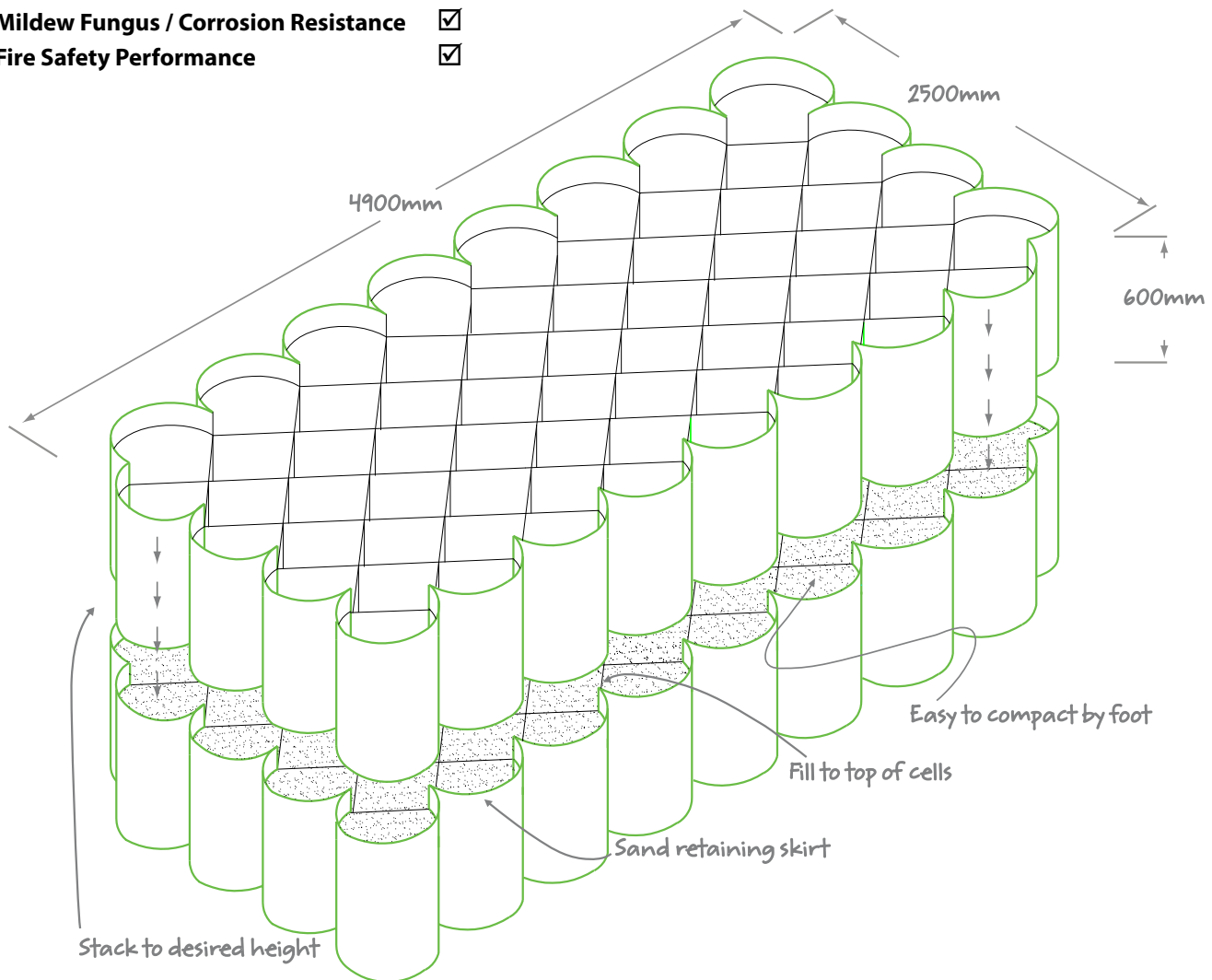
DEFENCELL has been extensively tested:

### Environmental

- High Temperatures/ Low Temperatures
- Humidity/Contamination by Fluids
- Direct Sunlight/ UV Degradation
- Blowing Sand
- Mildew Fungus / Corrosion Resistance
- Fire Safety Performance

### Protection

- Ballistic testing
- Blast Mitigation
- Vehicle Barrier (K12 & PAS68) (T3 & T4)



### Transportability – Packing & Coverage

	1 section	1 pallet	20' ISO
<b>Quantity of T4</b>	1	12	240
<b>Weight</b>	13 kgs	185 kgs	3,700 kgs
<b>Filled Volume</b>	6.13 m <sup>3</sup>	73 m <sup>3</sup>	1,471 m <sup>3</sup>
<b>0.60m high wall (1 layer)</b>	4.90 m long	59 m long	1,176 m long
<b>1.10m high wall (2 layers)</b>		29 m	588 m
<b>1.60m high wall (3 layers)</b>		19 m	392 m
<b>2.10m high wall (4 layers)</b>		15 m	294 m
<b>Sandbag Equivalent</b>	600	7,200	144,000